

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081825AL\
 Data File : FE055370.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2025 22:08
 Operator : YP\AJ
 Sample : Q2873-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: sample.E
 Quant Time: Aug 19 02:31:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 13:47:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.082	6405356	44.854 ug/ml
Spiked Amount 50.000		Recovery =	89.71%
12) S 1-chlorooctadecane (S...	13.518	5127455	47.687 ug/ml
Spiked Amount 50.000		Recovery =	95.37%
Target Compounds			
1) T n-Nonane (C9)	3.416	10590	0.092 ug/ml
2) T n-Decane (C10)	4.675	11318	0.097 ug/ml
3) T A~Naphthalene (C11.7)	6.398	20361	0.152 ug/ml
4) T n-Dodecane (C12)	6.851	10528	0.088 ug/ml
5) T A~2-methylnaphthalene...	7.505	2440	0.019 ug/ml
6) T n-Tetradecane (C14)	8.692	32924	0.269 ug/ml
7) T n-Hexadecane (C16)	10.303	21191	0.166 ug/ml
8) T n-Octadecane (C18)	11.753	21581	0.165 ug/ml
10) T n-Eicosane (C20)	13.067	20979	0.167 ug/ml
11) T n-Heneicosane (C21)	13.682	18155	0.147 ug/ml
13) T n-Docosane (C22)	14.270	22453	0.184 ug/ml
14) T n-Tetracosane (C24)	15.375	40993	0.337 ug/ml
15) T n-Hexacosane (C26)	16.400	40384	0.338 ug/ml
16) T n-Octacosane (C28)	17.352	270774	2.283 ug/ml
17) T n-Tricontane (C30)	18.242	293670	2.387 ug/ml
18) T n-Dotriacontane (C32)	19.075	939877	7.703 ug/ml
19) T n-Tetratriacontane (C34)	19.862	586333	5.015 ug/ml
20) T n-Hexatriacontane (C36)	20.603	1189609	10.884 ug/ml
21) T n-Octatriacontane (C38)	21.378	1201138	11.114 ug/ml
22) T n-Tetracontane (C40)	22.373	1232823	11.789 ug/ml

(f)=RT Delta > 1/2 Window

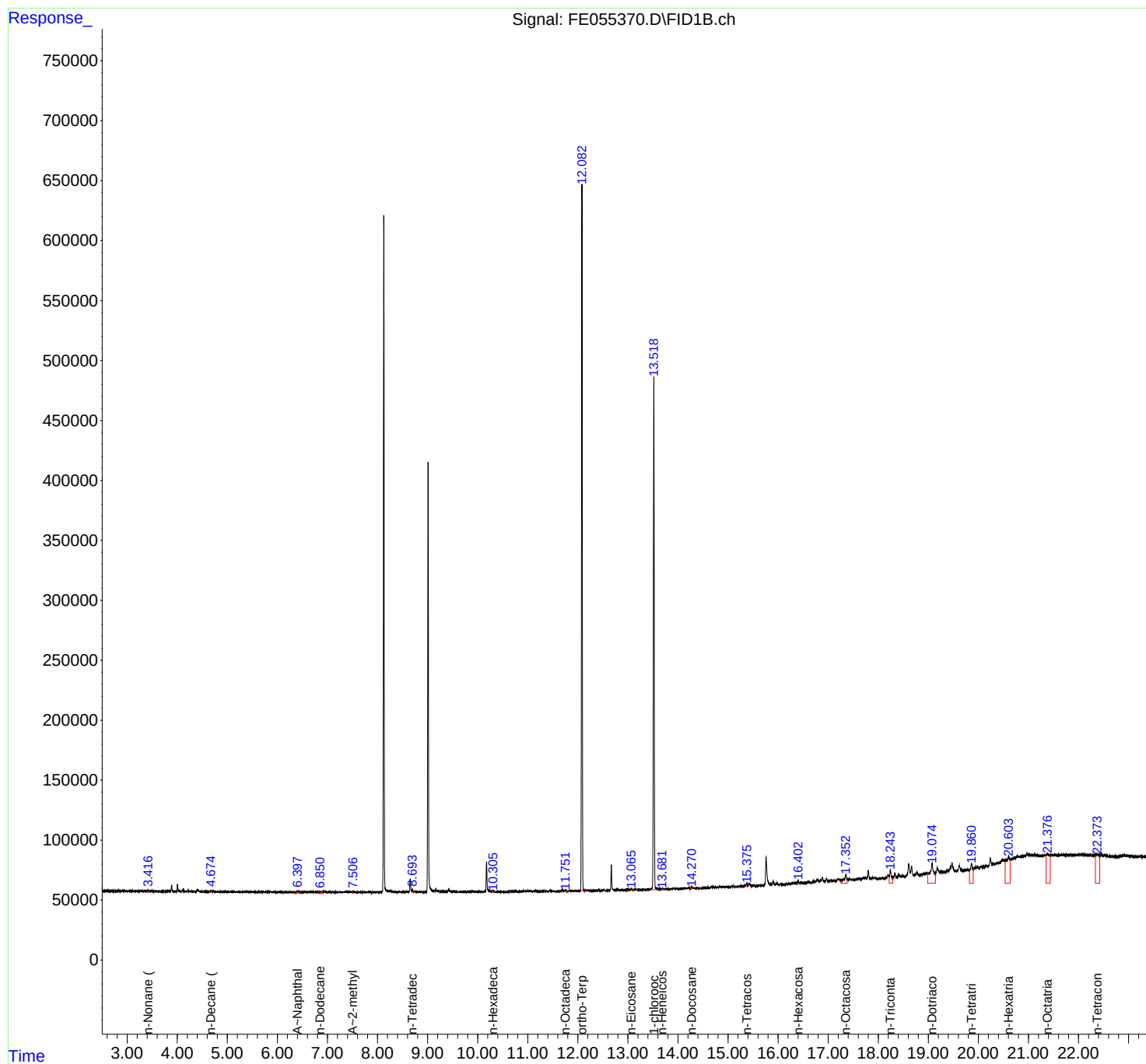
(m)=manual int.

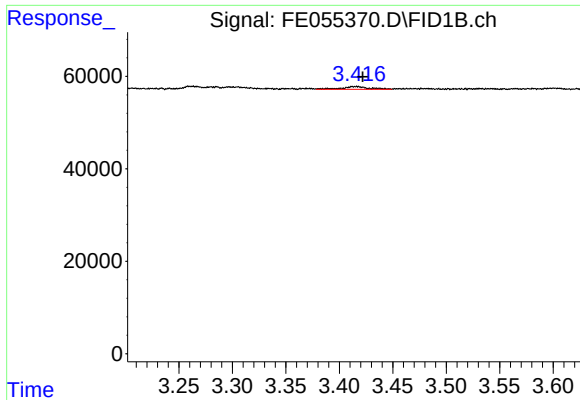
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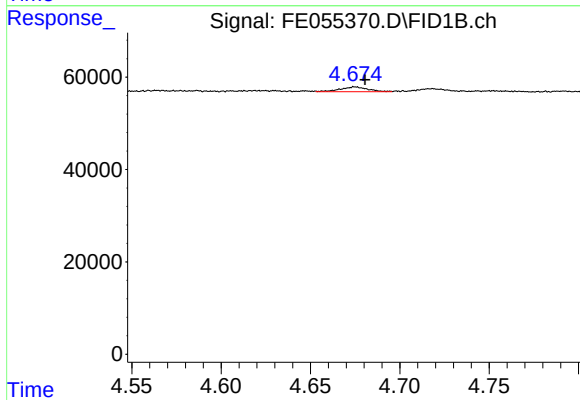




#1 n-Nonane (C9)

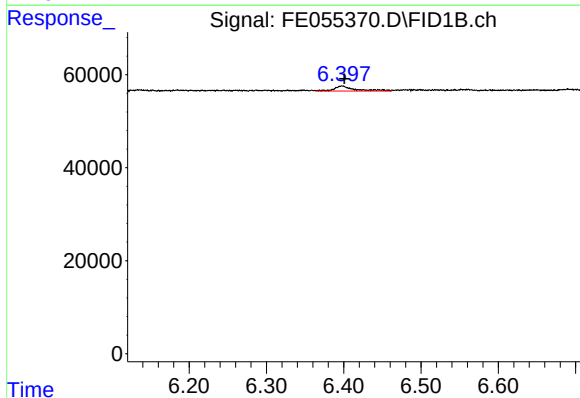
R.T.: 3.416 min
Delta R.T.: -0.006 min
Response: 10590
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :



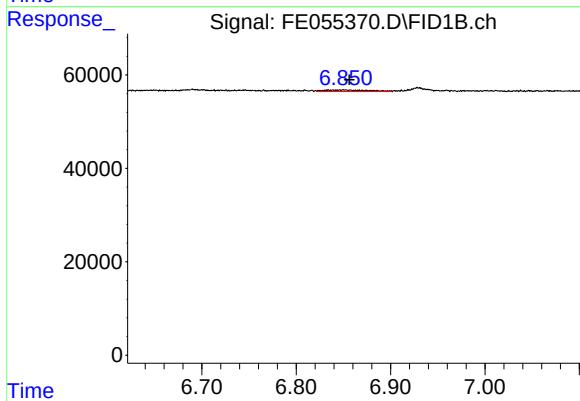
#2 n-Decane (C10)

R.T.: 4.675 min
Delta R.T.: -0.006 min
Response: 11318
Conc: 0.10 ug/ml



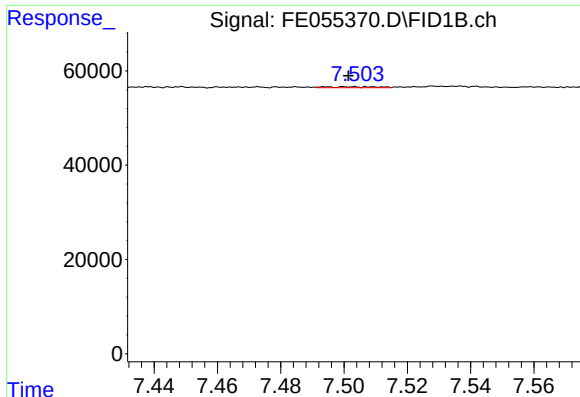
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 20361
Conc: 0.15 ug/ml



#4 n-Dodecane (C12)

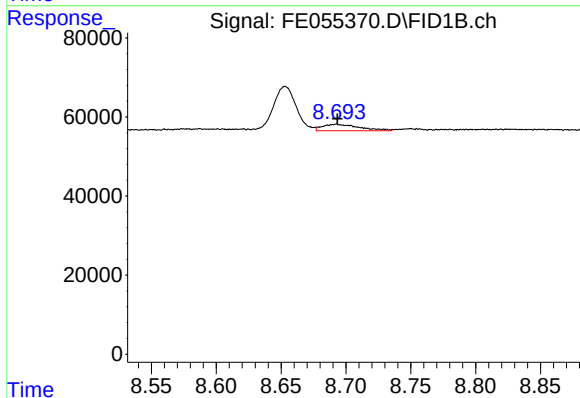
R.T.: 6.851 min
Delta R.T.: -0.006 min
Response: 10528
Conc: 0.09 ug/ml



#5 A~2-methylnaphthalene (C12.89)

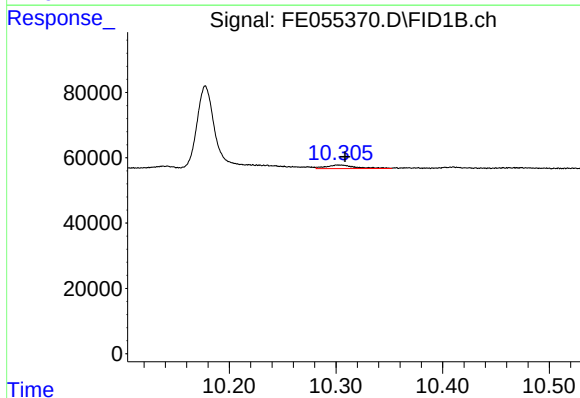
R.T.: 7.505 min
Delta R.T.: 0.003 min
Response: 2440
Conc: 0.02 ug/ml

Instrument :
FID_E
ClientSampleId :



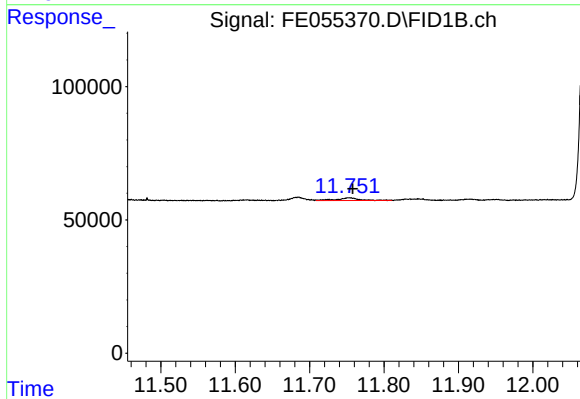
#6 n-Tetradecane (C14)

R.T.: 8.692 min
Delta R.T.: -0.001 min
Response: 32924
Conc: 0.27 ug/ml



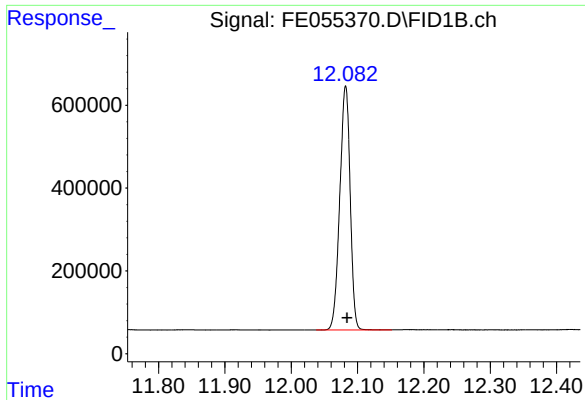
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 21191
Conc: 0.17 ug/ml



#8 n-Octadecane (C18)

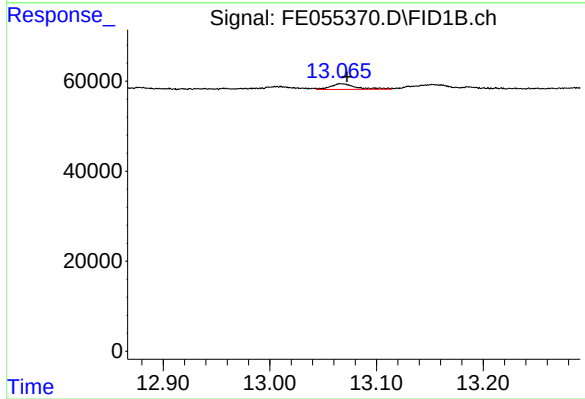
R.T.: 11.753 min
Delta R.T.: -0.004 min
Response: 21581
Conc: 0.17 ug/ml



#9 ortho-Terphenyl (SURR)

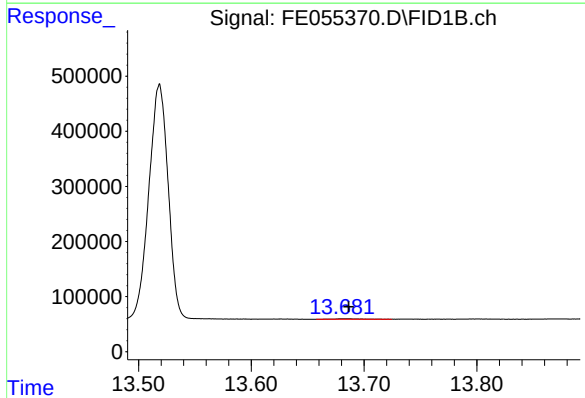
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 6405356
Conc: 44.85 ug/ml

Instrument :
FID_E
ClientSampleId :



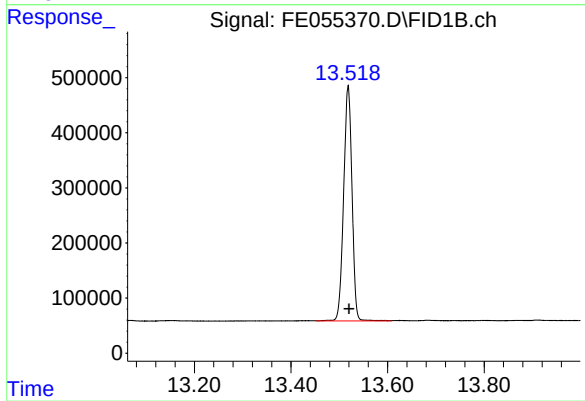
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.005 min
Response: 20979
Conc: 0.17 ug/ml



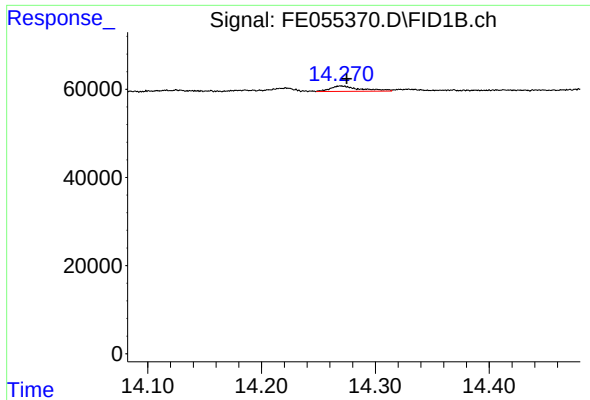
#11 n-Heneicosane (C21)

R.T.: 13.682 min
Delta R.T.: -0.004 min
Response: 18155
Conc: 0.15 ug/ml



#12 1-chlorooctadecane (SURR)

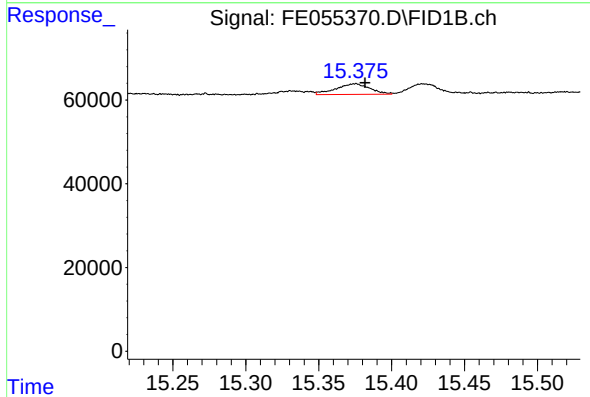
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 5127455
Conc: 47.69 ug/ml



#13 n-Docosane (C22)

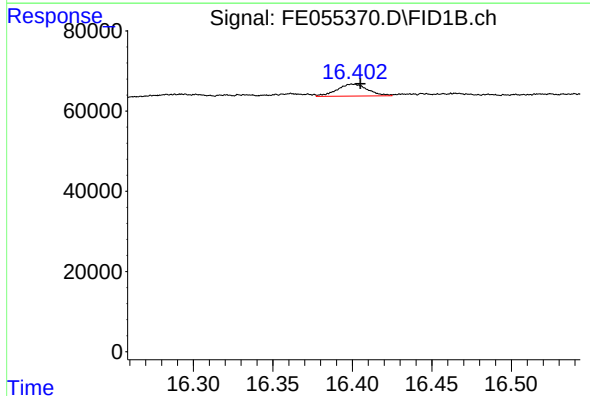
R.T.: 14.270 min
Delta R.T.: -0.005 min
Response: 22453
Conc: 0.18 ug/ml

Instrument :
FID_E
ClientSampleId :



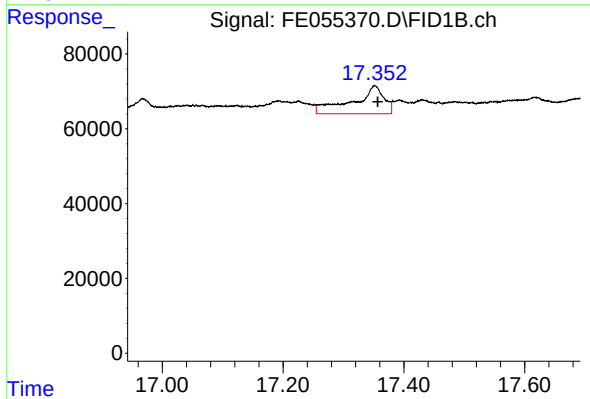
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: -0.007 min
Response: 40993
Conc: 0.34 ug/ml



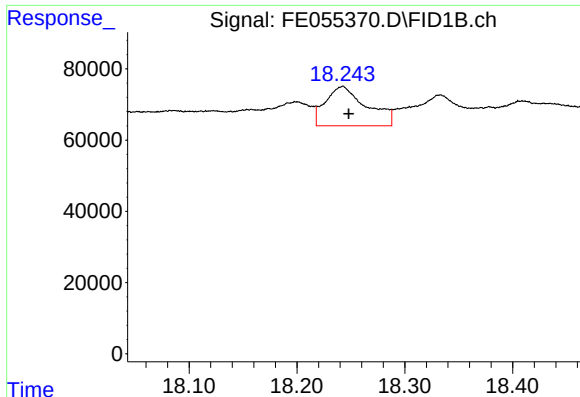
#15 n-Hexacosane (C26)

R.T.: 16.400 min
Delta R.T.: -0.005 min
Response: 40384
Conc: 0.34 ug/ml



#16 n-Octacosane (C28)

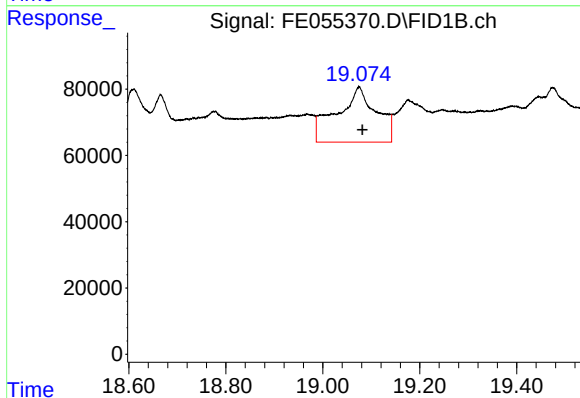
R.T.: 17.352 min
Delta R.T.: -0.005 min
Response: 270774
Conc: 2.28 ug/ml



#17 n-Tricontane (C30)

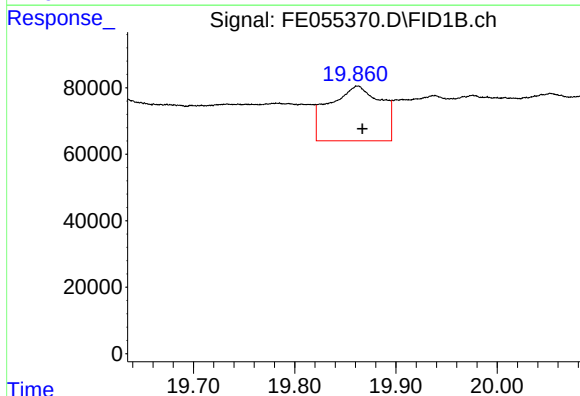
R.T.: 18.242 min
Delta R.T.: -0.006 min
Response: 293670
Conc: 2.39 ug/ml

Instrument :
FID_E
ClientSampleId :



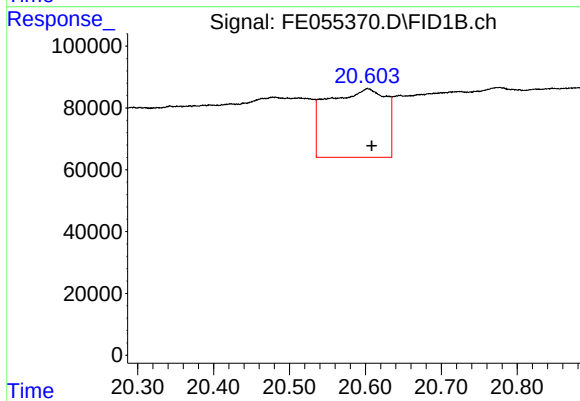
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: -0.007 min
Response: 939877
Conc: 7.70 ug/ml



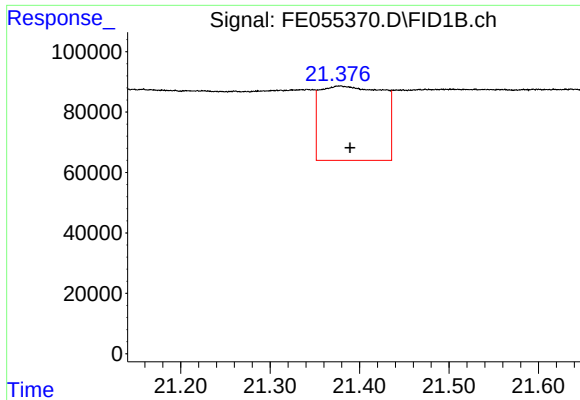
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: -0.005 min
Response: 586333
Conc: 5.01 ug/ml



#20 n-Hexatriacontane (C36)

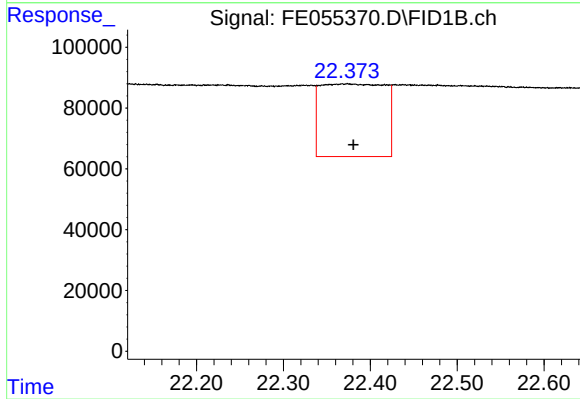
R.T.: 20.603 min
Delta R.T.: -0.005 min
Response: 1189609
Conc: 10.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: -0.012 min
Response: 1201138
Conc: 11.11 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.373 min
Delta R.T.: -0.008 min
Response: 1232823
Conc: 11.79 ug/ml